

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: GFEL01

Lab Code: ACE

SDG No.: Q3154

Instrument ID: MSVOA_L

Calibration Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N

Calibration Time(s): 09:39 13:05

GC Column: RTX-1 ID: 0.32 (mm)

LAB FILE ID:		RRF010 = VL042950.D		RRF002 = VL042951.D		RRF001 = VL042952.D		
		RRF0.5 = VL042953.D		RRF0.1 = VL042954.D		RRF.03 = VL042955.D		
COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	RRF	% RSD
Vinyl Chloride	0.470	0.524	0.567	0.529	0.562	0.729	0.550	15.9
Heptane	1.870	1.961	2.060	2.102			1.946	7.6
1,1-Dichloroethane	0.993	1.109	1.172	1.147			1.083	7.8
Cyclohexane	1.193	1.280	1.333	1.312			1.255	6.2
cis-1,2-Dichloroethene	1.357	1.465	1.464	1.443			1.406	5.3
1,1,1-Trichloroethane	1.902	2.071	2.164	2.017	2.087	2.724	2.119	13.5
Benzene	0.898	0.972	0.970	0.974			0.939	4.8
Trichloroethene	0.426	0.452	0.467	0.481	0.495	0.527	0.467	8.2
Toluene	1.078	1.156	1.137	1.155			1.111	5
Tetrachloroethene	0.325	0.351	0.355	0.356	0.404	0.436	0.363	11.8
Ethyl Benzene	1.570	1.737	1.715	1.657			1.642	5.5
o-Xylene	1.221	1.359	1.379	1.335			1.294	7
1,3,5-Trimethylbenzene	1.263	1.399	1.346	1.333			1.314	5.1
1,2,4-Trimethylbenzene	1.349	1.558	1.522	1.534			1.451	8.3
Naphthalene	1.373	1.474	1.320	1.102	1.093		1.283	12
1-Bromo-4-Fluorobenzene	0.763	0.747	0.743	0.749	0.738	0.736	0.746	1.2
Hexane	1.398	1.553	1.614	1.621			1.501	9.1

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.